

Notice of Allowability

Application No.

10/824,810

Examiner

Thu-Nguyet Le

Applicant(s)

BROWNING ET AL.

Art Unit

2169

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 04/15/2004.
2. ☒ The allowed claim(s) is/are 1, 4-19, 21-36 (Re-numbered as 1-33).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 04/15/2004
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 10/26/2006
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Rudolf Siegesmund, applicant's representative, on October 26, 2006.

The application has been amended as follows:

In the claims:

Claims 2-3, and 20 have been canceled.

Claims 1, 4, 14, 16, 18-19, and 21-36 have been amended as follows:

1. (Currently amended) A computer implemented method for automatically preserving a read/unread data for a plurality of messages₁ in an email management software₁ when a source database is migrated to a destination database comprising the steps of:

obtaining a read/unread table from the source database;

determining a first universal ID associated with a note ID;

translating the note ID into an altered note ID;

copying the altered note ID to the destination database;

correlating a first location of the altered note ID to a second location of

a second universal ID;

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creating a reconstructed note ID from the correlation of the first location of the altered note ID and the second location of the second universal ID;

wherein the first universal ID links a read/unread data to a document data; and

wherein the read/unread table in the destination database contains the reconstructed note ID.

4. (Currently amended) The method of claim 1 wherein the first universal ID is located in the source database.

14. (Currently amended) The method of claim 13 wherein ~~the size of the~~ a first universal ID size is thirty two bytes.

16. (Currently amended) The method of claim 15 wherein ~~the size of the~~ a second universal ID size is thirty two bytes.

18. (Currently amended) The method of claim 17 wherein ~~the size of the~~ an altered note ID size is thirty two bytes.

19. (Currently amended) A program product for automatically preserving a read/unread data for a plurality of messages, in an email management software, when a source database is migrated to a destination database, the program product comprising:

a memory;

wherein the memory comprises instructions for a processor to perform steps comprising:

obtaining a read/unread table from the source database;

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determining a first universal ID associated with a note ID;

translating the note ID into an altered note ID;

copying the altered note ID to the destination database;

correlating ~~the~~ a first location of the altered note ID ~~to the~~ a
second location of a second universal ID;

creating ~~the~~ a reconstructed note ID from the correlation of the
first location of the altered note ID and the second location of the
second universal ID; and

wherein the first universal ID links the read/unread data to a document
data;

and

wherein a second read/unread table in the destination database
contains the reconstructed note ID.

21. (Currently amended) The program product of claim 19 wherein the first
universal ID is located in the source database.

22. (Currently amended) The program product of claim 19 wherein the second
universal ID is located in the destination database.

23. (Currently amended) The program product of claim 19 wherein the
association between the note ID and the document data in the source database
is the same ~~in the source database~~ as the association between the reconstructed
note ID and the document data in the destination database.

24. (Currently amended) The program product of claim 19 wherein the above
steps occur as part of a synchronization process.

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25. (Currently amended) The program product of claim 19 wherein the note ID points to a fixed location.

26. (Currently amended) The program product of claim 19 wherein the universal ID points to the document data regardless of whether the document data changes locations within the database.

27. (Currently amended) The program product of claim 19 wherein the association between the note ID and the document data ~~is the same~~ in the source database is the same as the association between the reconstructed note ID and the documents data in ~~as the~~ destination database even though the arrangement of the document data and the second universal ID have been changed.

28. (Currently amended) The program product of claim 19 wherein the note ID is a handle.

29. (Currently amended) The program product of claim 19 wherein the size of the note ID is four bytes.

30. (Currently amended) The program product of claim 19 wherein the first universal ID is a pointer.

31. (Currently amended) The program product of claim 19 wherein ~~the a size of the first universal ID~~ size is thirty two bytes.

32. (Currently amended) The program product of claim 19 wherein the second universal ID is a pointer.

33. (Currently amended) The program product of claim 19 wherein ~~the size of the a second universal ID~~ size is thirty two bytes.

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34. (Currently amended) The program product of claim 19 wherein the altered note ID is a thirty two byte pointer.

35. (Currently amended) The program product of claim 19 wherein the size of the altered note ID is thirty two bytes.

36. (Currently amended) An apparatus for automatically preserving a read/unread data for a plurality of messages, in an email management software, when a source database is migrated to a destination database, the apparatus comprising:

a computer connected to the source database and the destination database;

means for obtaining a read/unread table from the source database;

means for determining a first universal ID associated with a note ID;

means for translating the note ID into an altered note ID;

means for copying the altered note ID to the destination database;

means for correlating ~~the~~ a first location of the altered note IDs ~~ID~~ to ~~the~~ a second location of a second universal ID;

means for creating ~~the~~ a reconstructed note ID from the correlation of the first location of the altered note ID and the second location of the second universal ID; and

wherein the first universal ID links ~~the~~ a read/unread data to a document data;

wherein the read/unread table in the destination database contains the reconstructed note ID;

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wherein the first universal ID is located in the source database;

wherein the second universal ID is located in the destination database;

wherein the association between the note ID and the document data in the source database is the same as the association between the reconstructed note ID and the document data in the source database as the in the destination database;

wherein the above steps occur as part of a synchronization process;

wherein the note ID points to a fixed location;

wherein the universal ID points to the document data regardless of whether the document data changes locations within the database;

wherein the association between the note ID and the document data in the is the same in the source database is the same as the association between the reconstructed note ID and the document data in the destination database even though the arrangement of the document data and the second universal ID have been changed;

wherein the note ID is a handle;

wherein the size of the note ID is four bytes;

wherein the first universal ID is a pointer;

wherein the size of the first universal ID is thirty two bytes;

wherein the second universal ID is a pointer;

wherein the size of the second universal ID is thirty two bytes;

wherein the altered note ID is a thirty two byte pointer; and

wherein the size of the altered note ID is thirty two bytes.

Allowable Subject Matter

2. Claims 1, 4-19, and 21-36 are allowed (Re-numbered as 1-33).

3. The following is an examiner's statement of reasons for allowance:

Prior art of record do not teach the combination of claimed elements including: "translating the note ID into an altered note ID", "copy the altered note ID to the destination database", "correlating a first location of the altered note ID to a second location of a second universal ID", and "creating a reconstructed noted ID from the correlation of the first location of the altered noted ID and the second location of the second universal ID" as recited in independent claims 1, 19, 36.

Thus, prior art of record neither renders obvious nor anticipates the combination of claimed elements in light of the specification. Dependent claims 4-18, 21-35 are allowed at least by virtue of their dependencies from their pertinent independent claims. After a further search and a thorough examination of the present application and in light of the prior art made of record, claim 1, 4-19, and 21-36 are allowed.

Conclusion

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thu-Nguyet Le whose telephone number is 571-270-1093. The examiner can normally be reached on 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christian Chace can be reached on 571-272-4190. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TL

Thu-Nguyet Le
October 26, 2006.


KHANH B. PHAM
PRIMARY EXAMINER